

Converting Colors

$Yxy(61.8091, 0.3495, 0.3144)$

Have a look what the booklet for
Yxy(61.8091, 0.3495, 0.3144)
contains.

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Color

Yxy(61.8091, 0.3495, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	F9BFCD
RGB	249, 191, 205
RGB Percent	98%, 75%, 80%
CMY	0.0237, 0.2509, 0.1960
CMYK	0.00, 0.23, 0.18, 0.02
HSL	346°, 83%, 86%
HSV	346°, 23%, 98%
XYZ	68.7095, 61.8091, 66.0752
YIQ	209.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

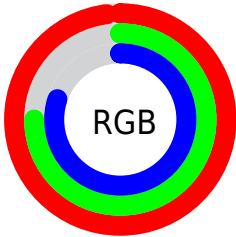
Format	Color
R _Y B	249, 191, 205
Decimal	16367565
CIE _{Lab}	82.81, 22.83, 1.04
CIE _{LCh}	83, 22.852, 2.607
Y _{xy}	61.8091, 0.3495, 0.3144
Android (android.graphics.Color)	4294557645 (0xFFFF9BFCD)
Y _{UV}	209.9380, -2.4344, 34.2574
Hunter-Lab	78.6188, 18.4188, 5.2028

Details

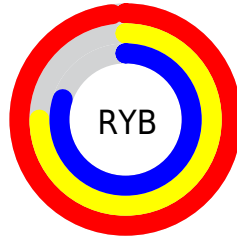
The Yxy color **61.8091, 0.3495, 0.3144** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.8062, 0.2855, 0.3442**, and the grayscale version is **64.4085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **31.3322, 0.3590, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **51.0012, 0.3717, 0.3078**, and if you desaturate by 10%, it is **74.5784, 0.3315, 0.3209**.

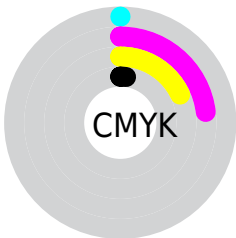
Distribution



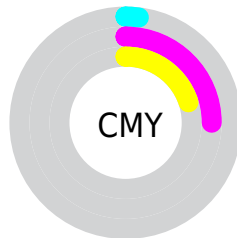
- Red (98%)
- Green (75%)
- Blue (80%)



- Red (98%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8091, 0.3495, 0.3144 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 61.8091, 0.3495, 0.3144 by changing the saturation by 10% instead.


 61.8091, 0.3495,
0.3144

 61.8091, 0.3495,
0.3144

431.2344, 0.3319,
0.3214

 44.8785, 0.3537,
0.3127


 107.4496, 0.3433,
0.3169

 31.3617, 0.3589,
0.3106


136.9282, 0.3409,
0.3178

 20.8744, 0.3656,
0.3079


171.3583, 0.3389,
0.3187

 13.0322, 0.3746,
0.3043

211.1242, 0.3371,
0.3194

 7.4508, 0.3872,
0.2991

256.6104, 0.3356,
0.3200

 3.7456, 0.4063,
0.2912

308.2013, 0.3342,

 1.5323, 0.4382,

0.3205

0.2779

366.2811, 0.3330,
0.3210

0.3113, 0.5963,
0.2176

0.0000, 0.0000,
0.0000

61.8091, 0.3495,
0.3144

61.8091, 0.3495,
0.3144

51.0012, 0.3717,
0.3078

74.5784, 0.3315,
0.3209

42.0491, 0.3986,
0.3014

89.3909, 0.3169,
0.3271

34.8500, 0.4306,
0.2959

98.8737, 0.3090,
0.3290

29.2877, 0.4672,
0.2922

■ 25.2318, 0.5068,
0.2914

■ 22.5318, 0.5461,
0.2944

■ 21.0054, 0.5807,
0.3016

■ 20.4613, 0.5998,
0.3078

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.8091, 0.3218, 0.2945



61.8091, 0.3495, 0.3144



61.8091, 0.3673, 0.3385

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8091, 0.3495, 0.3144



61.8091, 0.3309, 0.3802



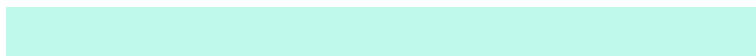
61.8091, 0.2588, 0.2934

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.8091, 0.3495, 0.3144



84.8062, 0.2855, 0.3442

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.8091, 0.2610, 0.3155



61.8091, 0.3495, 0.3144



61.8091, 0.3018, 0.3676

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.8091, 0.3495, 0.3144



61.8091, 0.3560, 0.3773



61.8091, 0.2764, 0.3431



61.8091, 0.2701, 0.2821

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.8091, 0.3495, 0.3144



61.8091, 0.3707, 0.3542



61.8091, 0.2764, 0.3431



61.8091, 0.2580, 0.2998

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.8119, 0.3495, 0.3144



88.2938, 0.3220, 0.3248



61.6810, 0.3045, 0.2690



18.6935, 0.3228, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8119, 0.3495, 0.3144



59.5848, 0.3595, 0.3112



67.8011, 0.3576, 0.3444



17.2939, 0.3256, 0.3233



10.9744, 0.5960, 0.3057



1.0323, 0.5630, 0.2875

Inverse Universe

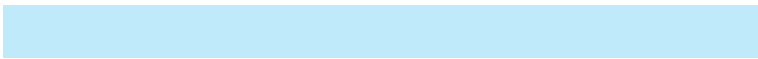
The Inverse Universe completely reimagines the original color for something new.



61.8119, 0.3495, 0.3144



59.5848, 0.3595, 0.3112



77.0356, 0.2769, 0.3131



17.2939, 0.3256, 0.3233



10.9744, 0.5960, 0.3057



1.0323, 0.5630, 0.2875

Previews

White Background



This preview shows how the Yxy color 61.8091, 0.3495, 0.3144 looks on a white background.

Color Contrast Check

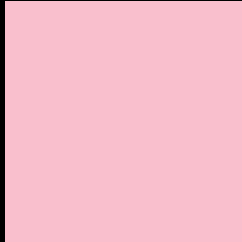
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 61.8091, 0.3495, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

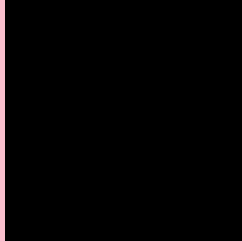
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8091, 0.3495, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 61.8091, 0.3495, 0.3144.



This preview shows how white text looks on a background with the Yxy color 61.8091, 0.3495, 0.3144.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.8091, 0.3495, 0.3144

Protanopia

61.8766, 0.3094, 0.3198

Deuteranopia

61.9512, 0.3318, 0.3257



Tritanopia

61.8576, 0.3487, 0.3134

Trichromacy



Original Color

61.8091, 0.3495, 0.3144

Protanomaly

61.6497, 0.3234, 0.3179

Deuteranomaly

61.9543, 0.3379, 0.3215

Tritanomaly

61.8576, 0.3487, 0.3134

Monochromacy



Original Color

61.8091, 0.3495, 0.3144

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.1132, 0.3254, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8091, 0.3495, 0.3144 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(249, 191, 205)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 191, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.8091, 0.3495, 0.3144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 191, 205) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(249, 191, 205) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 191, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 191, 205);  
box-shadow:4px 4px 4px 4px rgb(249, 191,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8091, 0.3495, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 191, 205) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
191, 205) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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